

Title (en)  
ENERGY STORAGE CONTAINER

Title (de)  
ENERGIESPEICHERBEHÄLTER

Title (fr)  
RÉCIPIENT DE STOCKAGE D'ÉNERGIE

Publication  
**EP 4398398 A1 20240710 (EN)**

Application  
**EP 23739845 A 20230103**

Priority  
• CN 202220093869 U 20220114  
• CN 2023070155 W 20230103

Abstract (en)  
Embodiments of the present application provide an energy storage container that can balance thermal insulation and safety. The energy storage container comprises: a battery compartment (110) accommodating a plurality of batteries (10), wherein a venting channel (120) is provided between each battery (10) of the plurality of batteries (10) and a compartment wall (111) of the battery compartment (110), the venting channel (120) being used to discharge gases generated inside the battery (10) to the outside of the battery compartment (110), and an interior space of the venting channel (120) and an interior space of the battery compartment (110) being isolated from each other; and wherein the compartment wall (111) of the battery compartment (110) and/or the venting channel (120) are/is provided with a thermal insulation member (130), the thermal insulation member (130) being used to thermally insulate the interior space of the battery compartment (110).

IPC 8 full level  
**H01M 50/30** (2021.01)

CPC (source: EP KR)  
**H01M 10/615** (2015.04 - KR); **H01M 50/10** (2021.01 - EP); **H01M 50/183** (2021.01 - EP KR); **H01M 50/204** (2021.01 - EP KR);  
**H01M 50/244** (2021.01 - EP KR); **H01M 50/289** (2021.01 - KR); **H01M 50/30** (2021.01 - EP); **H01M 50/3425** (2021.01 - KR);  
**H01M 50/367** (2021.01 - KR); **H01M 50/375** (2021.01 - KR); **Y02E 60/10** (2013.01 - EP KR)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4398398 A1 20240710**; CN 216720171 U 20220610; KR 20240049383 A 20240416; WO 2023134501 A1 20230720

DOCDB simple family (application)  
**EP 23739845 A 20230103**; CN 202220093869 U 20220114; CN 2023070155 W 20230103; KR 20247010657 A 20230103